

10.10 Hydrologic Test Packages.

B) These hydrologic packages will also contain a justification for well spacings in the monitoring well ring and overlying and underlying aquifers.

12.4 The licensee shall identify the location, screen depth, and estimated pumping rate of any new

groundwater wells or new use of an existing well within the license area and within 2 kilometers (1.25

miles) of any proposed wellfield boundary, as measured from the perimeter monitoring well ring, since

the application was submitted to the NRC. The licensee shall evaluate the impact of ISR operations to

potential groundwater users and recommend any additional monitoring or other measures to protect

groundwater users. The evaluation shall be submitted to the NRC for review within 6 months of

discovery of such well use.

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Downhole pressure transducers will be installed in all monitor wells for the measurement of potentiometric head. These instruments will alert operators to any significant change in the water levels within the monitor wells to provide an early warning of a potential lixiviant excursion. Operators may then follow standard operating procedures to make adjustments to well field production and/or injection flow rates to avoid an excursion due to any unbalanced flow condition in a well field.

make sure well construction requirements are applied to monitoring wells